

117TH CONGRESS
1ST SESSION

S. 1072

To provide incentives for agricultural producers to carry out climate stewardship practices, to provide for increased reforestation across the United States, to establish the Coastal and Estuary Resilience Grant Program, and for other purposes.

IN THE SENATE OF THE UNITED STATES

APRIL 12, 2021

Mr. BOOKER (for himself and Mrs. GILLIBRAND) introduced the following bill; which was read twice and referred to the Committee on Agriculture, Nutrition, and Forestry

A BILL

To provide incentives for agricultural producers to carry out climate stewardship practices, to provide for increased reforestation across the United States, to establish the Coastal and Estuary Resilience Grant Program, and for other purposes.

1 *Be it enacted by the Senate and House of Representa-*
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE; TABLE OF CONTENTS.**

4 (a) SHORT TITLE.—This Act may be cited as the
5 “Climate Stewardship Act of 2021”.

6 (b) TABLE OF CONTENTS.—The table of contents for
7 this Act is as follows:

Sec. 1. Short title; table of contents.

TITLE I—AGRICULTURE

- Sec. 101. Conservation reserve program.
- Sec. 102. Environmental quality incentives program.
- Sec. 103. Conservation stewardship program.
- Sec. 104. Funding.
- Sec. 105. Regional conservation partnership program.
- Sec. 106. Funding for climate stewardship agriculture research.
- Sec. 107. Conservation technical assistance.
- Sec. 108. Rural Energy for America Program.
- Sec. 109. Local Agriculture Market Program.
- Sec. 110. Soil health equipment grant program.
- Sec. 111. Farm and ranch stress assistance network.
- Sec. 112. Assistance for community food projects.

TITLE II—FORESTS

- Sec. 201. Reforestation Trust Fund.
- Sec. 202. Reforest America Grant Program.
- Sec. 203. Funding for the community forest and open space conservation program.
- Sec. 204. Forest Stewardship Practice Program.
- Sec. 205. Urban wood programs.
- Sec. 206. Stewardship Corps.

TITLE III—COASTAL WETLAND

- Sec. 301. Definitions.
- Sec. 302. Coastal and Estuary Resilience Grant Program.
- Sec. 303. Data collection.
- Sec. 304. Outreach and technical assistance.
- Sec. 305. Annual restoration and funding.
- Sec. 306. Prevailing wage requirement.
- Sec. 307. Department of the Interior coastal wetland restoration; funding.

1 **TITLE I—AGRICULTURE**

2 **SEC. 101. CONSERVATION RESERVE PROGRAM.**

3 (a) CONSERVATION RESERVE.—Section 1231 of the
4 Food Security Act of 1985 (16 U.S.C. 3831) is amend-
5 ed—

6 (1) in subsection (d)—

7 (A) in paragraph (1)—

8 (i) in subparagraph (C), by striking
9 “25,000,000” and inserting “28,000,000”;

1 (ii) in subparagraph (D), by striking
2 “25,500,000 acres; and” and inserting
3 “30,500,000 acres;”;

4 (iii) in subparagraph (E), by striking
5 “27,000,000 acres.” and inserting
6 “33,000,000 acres;” and

7 (iv) by adding at the end the fol-
8 lowing:

9 “(F) fiscal year 2024, not more than
10 34,000,000 acres;

11 “(G) fiscal year 2025, not more than
12 35,000,000 acres;

13 “(H) fiscal year 2026, not more than
14 36,000,000 acres;

15 “(I) fiscal year 2027, not more than
16 37,000,000 acres;

17 “(J) fiscal year 2028, not more than
18 38,000,000 acres;

19 “(K) fiscal year 2029, not more than
20 39,000,000 acres; and

21 “(L) fiscal year 2030, not less than
22 40,000,000 acres.”;

23 (B) in paragraph (2)(A)—

24 (i) in clause (i)—

1 (I) by striking “2,000,000” and
2 inserting “4,600,000”; and

3 (II) by striking “2023” and in-
4 sserting “2030”; and

5 (ii) in clause (ii)—

6 (I) in subclause (II), by striking
7 “and” at the end;

8 (II) in subclause (III), by strik-
9 ing “through 2023, 2,000,000 acres.”
10 and inserting “and 2022, 2,000,000
11 acres;”; and

12 (III) by adding at the end the
13 following:

14 “(IV) fiscal year 2023, 2,500,000
15 acres;

16 “(V) fiscal year 2024, 2,800,000
17 acres;

18 “(VI) fiscal year 2025, 3,100,000
19 acres;

20 “(VII) fiscal year 2026,
21 3,400,000 acres;

22 “(VIII) fiscal year 2027,
23 3,700,000 acres;

24 “(IX) fiscal year 2028,
25 4,000,000 acres;

1 “(X) fiscal year 2029, 4,300,000
2 acres; and

3 “(XI) fiscal year 2030, not less
4 than 4,600,000 acres.”; and

5 (C) in paragraph (6)(B)—

6 (i) in clause (i)—

7 (I) by striking “8,600,000” and
8 inserting “17,700,000”; and

9 (II) by striking “2023” and in-
10 serting “2030”; and

11 (ii) in clause (ii)—

12 (I) in subclause (III), by striking
13 “8,500,000 acres; and” and inserting
14 “10,000,000 acres;”; and

15 (II) by striking subclause (IV)
16 and inserting the following:

17 “(IV) fiscal year 2022,
18 12,500,000 acres;

19 “(V) fiscal year 2023,
20 14,500,000 acres;

21 “(VI) fiscal year 2024,
22 15,500,000 acres;

23 “(VII) fiscal year 2025,
24 16,500,000 acres;

1 “(VIII) fiscal year 2026,
2 17,500,000 acres;

3 “(IX) fiscal year 2027,
4 18,500,000 acres;

5 “(X) fiscal year 2028,
6 19,500,000 acres; and

7 “(XI) fiscal years 2029 and
8 2030, 20,000,000 acres.”;

9 (2) in subsection (e)(1), by striking “, nor more
10 than 15,”; and

11 (3) in subsection (h)—

12 (A) by striking paragraph (2); and

13 (B) by striking “CONSIDERATION.—” in
14 the subsection heading and all that follows
15 through “On the” in paragraph (1) and insert-
16 ing “CONSIDERATION.—On the”.

17 (b) CONSERVATION RESERVE ENHANCEMENT PRO-
18 GRAM.—Section 1231A(b)(2)(A)(i) of the Food Security
19 Act of 1985 (16 U.S.C. 3831a(b)(2)(A)(i)) is amended by
20 inserting “, including reducing agricultural greenhouse
21 gas emissions or increasing carbon sequestration,” after
22 “concerns”.

1 **SEC. 102. ENVIRONMENTAL QUALITY INCENTIVES PRO-**
2 **GRAM.**

3 (a) PURPOSES.—Section 1240(3) of the Food Secu-
4 rity Act of 1985 (16 U.S.C. 3839aa(3)) is amended—

5 (1) in subparagraph (B), by striking “and” at
6 the end;

7 (2) in subparagraph (C), by striking “and” at
8 the end; and

9 (3) by adding at the end the following:

10 “(D) reducing agricultural greenhouse gas
11 emissions;

12 “(E) increasing carbon sequestration; and

13 “(F) adapting to, or mitigating against, in-
14 creasing weather volatility; and”.

15 (b) DEFINITIONS.—Section 1240A of the Food Secu-
16 rity Act of 1985 (16 U.S.C. 3839aa–1) is amended—

17 (1) by redesignating paragraphs (1) through
18 (10) as paragraphs (2) through (11), respectively;
19 and

20 (2) by inserting before paragraph (2) (as so re-
21 designated) the following:

22 “(1) CLIMATE STEWARDSHIP PRACTICE.—The
23 term ‘climate stewardship practice’ means any of the
24 following practices:

25 “(A) Alley cropping.

26 “(B) Biochar incorporation.

- 1 “(C) Compost application.
- 2 “(D) Conservation activity plans.
- 3 “(E) Conservation cover.
- 4 “(F) Conservation crop rotation.
- 5 “(G) Contour buffer strips.
- 6 “(H) Contour farming.
- 7 “(I) Cover crops.
- 8 “(J) Critical area planting.
- 9 “(K) Cross wind trap strips.
- 10 “(L) Field borders.
- 11 “(M) Filter strips.
- 12 “(N) Forage and biomass planting, includ-
13 ing the use of native prairie and seed mixtures.
- 14 “(O) Forest stand improvements.
- 15 “(P) Grassed waterways.
- 16 “(Q) Hedgerow planting.
- 17 “(R) Herbaceous wind barriers.
- 18 “(S) Irrigation water management.
- 19 “(T) Mulching to improve soil health.
- 20 “(U) Multistory cropping.
- 21 “(V) Nutrient management.
- 22 “(W) Pollinator or beneficial insect or
23 monarch habitat establishment.
- 24 “(X) Prescribed grazing.
- 25 “(Y) Range planting.

1 “(Z) Residue and tillage management with
2 no till.

3 “(AA) Residue and tillage management
4 with reduced till.

5 “(BB) Riparian forest buffers.

6 “(CC) Riparian herbaceous buffers.

7 “(DD) Silvopasture establishment.

8 “(EE) Stripcropping.

9 “(FF) Tree and shrub establishment.

10 “(GG) Upland wildlife habitat.

11 “(HH) Vegetative barriers.

12 “(II) Wetland restoration.

13 “(JJ) Windbreak renovation.

14 “(KK) Windbreaks and shelterbelts.

15 “(LL) Woody residue treatment.

16 “(MM) Any other highly effective vegeta-
17 tive or management practice that significantly
18 reduces agricultural greenhouse gas emissions,
19 increases carbon sequestration, or assists pro-
20 ducers in adapting to, or mitigating against, in-
21 creasing weather volatility, as determined by
22 the Secretary.”.

23 (c) ESTABLISHMENT AND ADMINISTRATION.—Sec-
24 tion 1240B of the Food Security Act of 1985 (16 U.S.C.
25 3839aa-2) is amended—

1 (1) in subsection (d)(3)—

2 (A) in subparagraph (F), by striking “or”
3 at the end;

4 (B) in subparagraph (G), by striking the
5 period at the end and inserting a semicolon;
6 and

7 (C) by adding at the end the following:

8 “(H) reductions in agricultural greenhouse
9 gas emissions; or

10 “(I) long-term carbon sequestration.”; and

11 (2) in subsection (j)—

12 (A) in paragraph (2)—

13 (i) in subparagraph (A)—

14 (I) in clause (i)—

15 (aa) by striking “mainte-
16 nance of incentive practices” and
17 inserting the following: “mainte-
18 nance of—

19 “(I) incentive practices”; and

20 (bb) in subclause (I) (as so
21 designated), by striking the pe-
22 riod at the end and inserting the
23 following: “; or

24 “(II) 1 or more climate steward-
25 ship practices.”; and

1 (II) in clause (ii)—

2 (aa) in subclause (I), by in-
3 sserting “, or climate stewardship
4 practices to attain increased lev-
5 els of carbon sequestration and
6 reduced agricultural greenhouse
7 gas emissions,” after “conserva-
8 tion”; and

9 (bb) in subclause (II), by in-
10 sserting “or a climate stewardship
11 practice” after “incentive prac-
12 tice”; and

13 (ii) in subparagraph (C)—

14 (I) by redesignating clauses (i)
15 and (ii) as subclauses (I) and (II), re-
16 spectively, and indenting appro-
17 priately;

18 (II) in the matter preceding sub-
19 clause (I) (as so redesignated), by
20 striking “Notwithstanding section
21 1240C” and inserting the following:

22 “(i) INCENTIVE PRACTICES.—Not-
23 withstanding section 1240C, in the case of
24 applications for contracts under subpara-
25 graph (A)(i)(I)”; and

1 (III) by adding at the end the
2 following:

3 “(ii) CLIMATE STEWARDSHIP PRAC-
4 TICES.—Notwithstanding section 1240C,
5 in the case of applications for contracts
6 under subparagraph (A)(i)(II), the Sec-
7 retary shall give priority to applications
8 that contain the greatest number of cli-
9 mate stewardship practices.”; and

10 (B) in paragraph (3)—

11 (i) in the paragraph heading, by in-
12 serting “AND CLIMATE STEWARDSHIP
13 PRACTICE” after “INCENTIVE PRACTICE”;

14 (ii) in subparagraph (A), by inserting
15 “or climate stewardship practices” after
16 “incentive practices” each place it appears;

17 (iii) in subparagraph (B), by inserting
18 “or climate stewardship practice” after
19 “incentive practice” each place it appears;
20 and

21 (iv) in subparagraph (C)(ii), by insert-
22 ing “or a climate stewardship practice”
23 after “incentive practice”.

1 (d) LIMITATION ON PAYMENTS.—Section 1240G of
2 the Food Security Act of 1985 (16 U.S.C. 3839aa–7) is
3 amended—

4 (1) by striking “2018, or” and inserting
5 “2018,”; and

6 (2) by inserting “the period of fiscal years 2024
7 through 2028, or the period of fiscal years 2029
8 through 2033,” before “regardless”.

9 (e) CONSERVATION INNOVATION GRANTS AND PAY-
10 MENTS.—Section 1240H(c) of the Food Security Act of
11 1985 (16 U.S.C. 3839aa–8(c)) is amended—

12 (1) in paragraph (1)(B)(i)—

13 (A) in subclause (VI), by striking “and” at
14 the end; and

15 (B) by adding at the end the following:

16 “(VIII) practices that signifi-
17 cantly increase carbon sequestration,
18 reduce agricultural greenhouse gas
19 emissions, or assist producers to
20 adapt to, or mitigate against, increas-
21 ing weather volatility; and”;

22 (2) in paragraph (2), in the matter preceding
23 subparagraph (A), by striking “through 2023” and
24 inserting “and 2020, and \$200,000,000 of the funds

1 of the Commodity Credit Corporation for each of fis-
 2 cal years 2021 through 2030”; and

3 (3) in paragraph (7), in the matter preceding
 4 subparagraph (A)—

5 (A) by inserting “not less than
 6 \$100,000,000 for each of fiscal years 2021
 7 through 2030 of the” after “Using”; and

8 (B) by striking “a soil” and inserting “an
 9 ongoing soil”.

10 **SEC. 103. CONSERVATION STEWARDSHIP PROGRAM.**

11 (a) SUPPLEMENTAL PAYMENTS FOR CLIMATE STEW-
 12 ARDSHIP PRACTICES.—Section 1240L(d) of the Food Se-
 13 curity Act of 1985 (16 U.S.C. 3839aa–24(d)) is amend-
 14 ed—

15 (1) in the subsection heading, by striking “RO-
 16 TATIONS AND ADVANCED GRAZING MANAGEMENT”
 17 and inserting “ROTATIONS, ADVANCED GRAZING
 18 MANAGEMENT, AND CLIMATE STEWARDSHIP PRAC-
 19 TICES”;

20 (2) in paragraph (1)—

21 (A) by redesignating subparagraphs (B)
 22 and (C) as subparagraphs (C) and (D), respec-
 23 tively; and

24 (B) by inserting after subparagraph (A)
 25 the following:

1 “(B) CLIMATE STEWARDSHIP PRACTICE.—

2 The term ‘climate stewardship practice’ means
3 any of the following practices and enhance-
4 ments associated with the following practices:

5 “(i) Alley cropping.

6 “(ii) Biochar incorporation.

7 “(iii) Compost application.

8 “(iv) Conservation activity plans.

9 “(v) Conservation cover.

10 “(vi) Conservation crop rotation.

11 “(vii) Contour buffer strips.

12 “(viii) Contour farming.

13 “(ix) Cover crops.

14 “(x) Critical area planting.

15 “(xi) Cross wind trap strips.

16 “(xii) Field borders.

17 “(xiii) Filter strips.

18 “(xiv) Forage and biomass planting,
19 including the use of native prairie seed
20 mixtures.

21 “(xv) Forest stand improvements.

22 “(xvi) Grassed waterways.

23 “(xvii) Hedgerow planting.

24 “(xviii) Herbaceous wind barriers.

25 “(xix) Irrigation water management.

- 1 “(xx) Mulching to improve soil health.
- 2 “(xxi) Multistory cropping.
- 3 “(xxii) Nutrient management, includ-
4 ing nitrogen stewardship activities.
- 5 “(xxiii) Pollinator or beneficial insect
6 or monarch habitat establishment.
- 7 “(xxiv) Prescribed grazing.
- 8 “(xxv) Range planting.
- 9 “(xxvi) Residue and tillage manage-
10 ment with no till.
- 11 “(xxvii) Residue and tillage manage-
12 ment with reduced till.
- 13 “(xxviii) Riparian forest buffers.
- 14 “(xxix) Riparian herbaceous buffers.
- 15 “(xxx) Silvopasture establishment.
- 16 “(xxxi) Stripcropping.
- 17 “(xxxii) Tree and shrub establish-
18 ment, including planting for a high rate of
19 carbon sequestration.
- 20 “(xxxiii) Upland wildlife habitat.
- 21 “(xxxiv) Vegetative barriers.
- 22 “(xxxv) Wetland restoration.
- 23 “(xxxvi) Windbreak renovation.
- 24 “(xxxvii) Windbreaks and shelterbelts.
- 25 “(xxxviii) Woody residue treatment.

1 “(xxxix) Any other vegetative or man-
 2 agement conservation activity that signifi-
 3 cantly—

4 “(I) reduces greenhouse gas
 5 emissions;

6 “(II) increases carbon sequestra-
 7 tion; or

8 “(III) enhances resilience to in-
 9 creased weather volatility.”;

10 (3) in paragraph (2)—

11 (A) in subparagraph (A), by striking “or”
 12 at the end;

13 (B) in subparagraph (B), by striking the
 14 period at the end and inserting “; or”; and

15 (C) by adding at the end the following:

16 “(C) conservation activities relating to cli-
 17 mate stewardship practices.”; and

18 (4) in paragraph (3), by striking “rotations or
 19 advanced grazing management” and inserting “rota-
 20 tions, advanced grazing management, or conserva-
 21 tion activities relating to climate stewardship prac-
 22 tices”.

23 (b) PAYMENT LIMITATIONS.—Section 1240L(f) of
 24 the Food Security Act of 1985 (16 U.S.C. 3839aa–24(f))
 25 is amended by striking “fiscal years 2019 through 2023”

1 and inserting “the period of fiscal years 2019 through
2 2023, the period of fiscal years 2024 through 2028, or
3 the period of fiscal years 2029 through 2033”.

4 **SEC. 104. FUNDING.**

5 (a) ANNUAL FUNDING.—Section 1241(a) of the Food
6 Security Act of 1985 (16 U.S.C. 3841(a)) is amended—

7 (1) in the matter preceding paragraph (1), by
8 striking “2023” and inserting “2030”;

9 (2) in paragraph (2)—

10 (A) in subparagraph (E), by striking
11 “and” at the end;

12 (B) in subparagraph (F), by striking
13 “through 2023.” and inserting “and 2020;
14 and”; and

15 (C) by adding at the end the following:

16 “(G) \$900,000,000 for each of fiscal years
17 2021 through 2030.”; and

18 (3) in paragraph (3)—

19 (A) in subparagraph (A)—

20 (i) in clause (iii), by striking
21 “\$1,800,000,000” and inserting

22 “\$3,800,000,000”;

23 (ii) in clause (iv)—

24 (I) by striking “\$1,850,000,000”

25 and inserting “\$4,850,000,000”; and

1 (II) by striking “and” at the end;

2 (iii) in clause (v), by striking

3 “\$2,025,000,000” and inserting

4 “\$6,025,000,000”; and

5 (iv) by adding at the end the fol-

6 lowing:

7 “(vi) \$7,000,000,000 for each of fiscal

8 years 2024 through 2030; and”;

9 (B) in subparagraph (B)—

10 (i) in clause (iii), by striking

11 “\$750,000,000” and inserting

12 “\$2,750,000,000”;

13 (ii) in clause (iv)—

14 (I) by striking “\$800,000,000”

15 and inserting “\$3,800,000,000”; and

16 (II) by striking “and” at the end;

17 (iii) in clause (v)—

18 (I) by striking “\$1,000,000,000”

19 and inserting “\$5,000,000,000”; and

20 (II) by striking the period at the

21 end and inserting a semicolon; and

22 (iv) by adding at the end the fol-

23 lowing:

24 “(vi) \$6,000,000,000 for fiscal year

25 2024; and

1 “(vii) \$7,000,000,000 for each of fis-
2 cal years 2025 through 2030.”.

3 (b) AVAILABILITY OF FUNDS.—Section 1241(b) of
4 the Food Security Act of 1985 (16 U.S.C. 3841(b)) is
5 amended by striking “2023” and inserting “2030”.

6 (c) FUNDING FOR CLIMATE STEWARDSHIP PRAC-
7 TICES.—Section 1241 of the Food Security Act of 1985
8 (16 U.S.C. 3841) is amended by adding at the end the
9 following:

10 “(k) FUNDING FOR CLIMATE STEWARDSHIP PRAC-
11 TICES.—

12 “(1) ENVIRONMENTAL QUALITY INCENTIVES
13 PROGRAM.—

14 “(A) IN GENERAL.—Of the funds made
15 available under subsection (a)(3)(A), the Sec-
16 retary shall set aside the following amounts to
17 be used exclusively for climate stewardship
18 practices (as defined in section 1240A) under
19 contracts under section 1240B(j)(2)(A)(i)(II):

20 “(i) \$2,000,000,000 for fiscal year
21 2021.

22 “(ii) \$3,000,000,000 for fiscal year
23 2022.

24 “(iii) \$4,000,000,000 for fiscal year
25 2023.

1 “(iv) \$5,000,000,000 for each of fiscal
2 years 2024 through 2030.

3 “(B) NONAPPLICABILITY OF ALLOCATION
4 OF FUNDING.—Section 1240B(f) shall not
5 apply to amounts set aside under subparagraph
6 (A).

7 “(2) CONSERVATION STEWARDSHIP PRO-
8 GRAM.—Of the funds made available under sub-
9 section (a)(3)(B), the Secretary shall set aside the
10 following amounts to be used exclusively to enroll in
11 the conservation stewardship program contracts
12 comprised predominantly of conservation activities
13 relating to climate stewardship practices (as defined
14 in section 1240L(d)(1)) or bundles of practices com-
15 prised predominantly of conservation activities relat-
16 ing to climate stewardship practices (as so defined):

17 “(A) \$2,000,000,000 for fiscal year 2021.

18 “(B) \$3,000,000,000 for fiscal year 2022.

19 “(C) \$4,000,000,000 for fiscal year 2023.

20 “(D) \$5,000,000,000 for each of fiscal
21 years 2024 through 2030.

22 “(3) SET-ASIDES FOR SOCIALLY DISADVAN-
23 TAGED AND BEGINNING FARMERS AND RANCH-
24 ERS.—Of the funds set aside under each of para-
25 graphs (1) and (2), the Secretary shall allocate—

1 “(A) 5 percent to provide assistance to so-
2 cially disadvantaged farmers and ranchers (as
3 defined in section 2501(a) of the Food, Agri-
4 culture, Conservation, and Trade Act of 1990
5 (7 U.S.C. 2279(a))); and

6 “(B) 5 percent to provide assistance to be-
7 ginning farmers and ranchers (as defined in
8 that section (7 U.S.C. 2279(a))).”.

9 **SEC. 105. REGIONAL CONSERVATION PARTNERSHIP PRO-**
10 **GRAM.**

11 Section 1271D of the Food Security Act of 1985 (16
12 U.S.C. 3871d) is amended by striking subsection (a) and
13 inserting the following:

14 “(a) AVAILABILITY OF FUNDS.—Of the funds of the
15 Commodity Credit Corporation, the Secretary shall use to
16 carry out the program—

17 “(1) \$300,000,000 for each of fiscal years 2021
18 through 2023;

19 “(2) \$500,000,000 for each of fiscal years 2024
20 through 2025;

21 “(3) \$750,000,000 for each of fiscal years 2026
22 through 2027; and

23 “(4) \$1,000,000,000 for each of fiscal years
24 2028 through 2030.”.

1 **SEC. 106. FUNDING FOR CLIMATE STEWARDSHIP AGRICULTURE RESEARCH.**
2

3 (a) AGRICULTURE AND FOOD RESEARCH INITIA-
4 TIVE.—Subsection (b) of the Competitive, Special, and
5 Facilities Research Grant Act (7 U.S.C. 3157(b)) is
6 amended—

7 (1) in paragraph (2), by adding at the end the
8 following:

9 “(G) CLIMATE STEWARDSHIP.—Climate
10 change mitigation through—

11 “(i) reducing greenhouse gas emis-
12 sions and increasing resilience in the agri-
13 cultural sector;

14 “(ii) increasing carbon sequestration;

15 “(iii) improving soil health; and

16 “(iv) increasing soil carbon levels.”;

17 and

18 (2) in paragraph (11)—

19 (A) by striking the paragraph heading and
20 inserting “FUNDING.—”;

21 (B) in subparagraph (A)—

22 (i) in the matter preceding clause (i),
23 by striking “There is” and all that follows
24 through “2023” and inserting “On the
25 first October 1 after the date of enactment
26 of the Climate Stewardship Act of 2021,

1 and on each October 1 thereafter through
 2 October 1, 2029, out of any funds in the
 3 Treasury not otherwise appropriated, the
 4 Secretary of the Treasury shall transfer to
 5 the Secretary to carry out this subsection
 6 \$830,000,000, to remain available until ex-
 7 pended”;

8 (ii) in clause (i), by striking “and” at
 9 the end;

10 (iii) in clause (ii), by striking the pe-
 11 riod at the end and inserting “; and”;

12 (iv) by adding at the end the fol-
 13 lowing:

14 “(iii) not less than 50 percent for
 15 each fiscal year shall be used to address
 16 the priority area described in paragraph
 17 (2)(G).”; and

18 (C) by adding at the end the following:

19 “(C) RECEIPT AND ACCEPTANCE.—The
 20 Secretary shall be entitled to receive, shall ac-
 21 cept, and shall use to carry out this subsection
 22 the funds transferred under subparagraph (A),
 23 without further appropriation.”.

24 (b) AGRICULTURE RESEARCH SERVICE CLIMATE
 25 STEWARDSHIP FUNDING.—

1 (1) IN GENERAL.—Of the funds of the Com-
2 modity Credit Corporation, the Secretary of Agri-
3 culture shall use \$100,000,000 for each of fiscal
4 years 2021 through 2030 to carry out, through the
5 Administrator of the Agricultural Research Service,
6 the research mission of the Department of Agri-
7 culture with respect to the issues described in
8 clauses (i) through (iv) of subparagraph (G) of sub-
9 section (b)(2) of the Competitive, Special, and Fa-
10 cilities Research Grant Act (7 U.S.C. 3157(b)(2)).

11 (2) SET-ASIDE.—The Secretary of Agriculture
12 shall set aside 25 percent of the amounts made
13 available by paragraph (1) for research relating to
14 pulse crops, other legumes, and high-biomass crops.

15 (c) FOUNDATION FOR FOOD AND AGRICULTURE RE-
16 SEARCH.—Section 7601 of the Agricultural Act of 2014
17 (7 U.S.C. 5939) is amended—

18 (1) in subsection (c)(1)(D), by inserting after
19 “environment” the following: “, including—

20 “(i) reducing greenhouse gas emis-
21 sions and increasing resilience in the agri-
22 cultural sector;

23 “(ii) increasing carbon sequestration;

24 “(iii) improving soil health; and

1 “(iv) increasing soil carbon levels”;

2 and

3 (2) in subsection (g)(1)(A), by adding at the
4 end the following:

5 “(iii) CLIMATE STEWARDSHIP FUND-
6 ING.—On the date of enactment of the Cli-
7 mate Stewardship Act of 2021, and each
8 fiscal year thereafter through fiscal year
9 2030, of the funds of the Commodity Cred-
10 it Corporation, the Secretary shall transfer
11 to the Foundation \$40,000,000 to advance
12 the research mission of the Department
13 with respect to the issues described in
14 clauses (i) through (iv) of subsection
15 (c)(1)(D), to remain available until ex-
16 pended.”.

17 (d) SUSTAINABLE AGRICULTURE RESEARCH AND
18 EXTENSION PROJECTS.—Section 1621 of the Food, Agri-
19 culture, Conservation, and Trade Act of 1990 (7 U.S.C.
20 5811) is amended—

21 (1) in subsection (a)—

22 (A) in paragraph (1)(C), by striking “and”
23 at the end;

24 (B) in paragraph (2)(E), by striking the
25 period at the end and inserting “; and”; and

1 (C) by adding at the end the following:

2 “(3) facilitate—

3 “(A) reducing greenhouse gas emissions
4 and increasing resilience in the agricultural sec-
5 tor;

6 “(B) increasing carbon sequestration;

7 “(C) improving soil health; and

8 “(D) increasing soil carbon levels.”; and

9 (2) by adding at the end the following:

10 “(j) FUNDS.—

11 “(1) IN GENERAL.—In addition to amounts ap-
12 propriated under section 1624, on the first October
13 1 after the date of enactment of the Climate Stew-
14 ards-ship Act of 2021, and on each October 1 there-
15 after through October 1, 2029, out of any funds in
16 the Treasury not otherwise appropriated, the Sec-
17 retary of the Treasury shall transfer to the Sec-
18 retary to carry out this section \$74,000,000, to re-
19 main available until expended.

20 “(2) RECEIPT AND ACCEPTANCE.—The Sec-
21 retary shall be entitled to receive, shall accept, and
22 shall use to carry out this section the funds trans-
23 ferred under paragraph (1), without further appro-
24 priation.

1 “(3) CLIMATE STEWARDSHIP.—Of the funds
2 made available under paragraph (1), the Secretary
3 shall use not less than 50 percent to conduct
4 projects described in subsection (a)(3).”.

5 (e) ORGANIC AGRICULTURE RESEARCH AND EXTEN-
6 SION INITIATIVE.—Section 1672B of the Food, Agri-
7 culture, Conservation, and Trade Act of 1990 (7 U.S.C.
8 5925b) is amended—

9 (1) in subsection (a)—

10 (A) in paragraph (7), by striking “and” at
11 the end;

12 (B) in paragraph (8), by striking the pe-
13 riod at the end and inserting “; and”; and

14 (C) by adding at the end the following:

15 “(9)(A) reducing greenhouse gas emissions and
16 increasing resilience in the agricultural sector;

17 “(B) increasing carbon sequestration;

18 “(C) improving soil health; and

19 “(D) increasing soil carbon levels.”; and

20 (2) in subsection (f)—

21 (A) in paragraph (1)—

22 (i) in subparagraph (C), by striking
23 “and” at the end;

24 (ii) in subparagraph (E), by adding
25 “and” at the end after the semicolon;

1 (iii) by striking subparagraphs (F)
2 and (G); and

3 (iv) by adding at the end the fol-
4 lowing:

5 “(F) on the first October 1 after the date
6 of enactment of the Climate Stewardship Act of
7 2021, and on each October 1 thereafter through
8 October 1, 2029, \$100,000,000.”; and

9 (B) by adding at the end the following:

10 “(4) CLIMATE STEWARDSHIP.—Of the funds
11 made available under paragraph (1)(F), the Sec-
12 retary shall use not less than 50 percent to support
13 activities under this section for the purposes de-
14 scribed in subsection (a)(9).”.

15 (f) APPROPRIATE TECHNOLOGY TRANSFER FOR
16 RURAL AREAS PROGRAM.—Section 310B(i) of the Con-
17 solidated Farm and Rural Development Act (7 U.S.C.
18 1932(i)) is amended—

19 (1) in paragraph (2)—

20 (A) in subparagraph (C), by striking
21 “and” at the end;

22 (B) in subparagraph (D), by striking the
23 period at the end and inserting a semicolon;
24 and

25 (C) by adding at the end the following:

1 “(E) reduce greenhouse gas emissions and
2 increase resilience in the agricultural sector;

3 “(F) increase carbon sequestration;

4 “(G) improve soil health; and

5 “(H) increase soil carbon levels.”; and

6 (2) by striking paragraph (4) and inserting the
7 following:

8 “(4) FUNDING.—

9 “(A) IN GENERAL.—On the first October 1
10 after the date of enactment of the Climate
11 Stewardship Act of 2021, and on each October
12 1 thereafter through October 1, 2029, out of
13 any funds in the Treasury not otherwise appro-
14 priated, the Secretary of the Treasury shall
15 transfer to the Secretary to carry out this sub-
16 section \$5,600,000, to remain available until
17 expended.

18 “(B) RECEIPT AND ACCEPTANCE.—The
19 Secretary shall be entitled to receive, shall ac-
20 cept, and shall use to carry out this subsection
21 the funds transferred under subparagraph (A),
22 without further appropriation.

23 “(C) CLIMATE STEWARDSHIP.—Of the
24 funds made available under subparagraph (A),
25 the Secretary shall use not less than 50 percent

1 to provide assistance described in subpara-
2 graphs (E) through (H) of paragraph (2).”.

3 (g) RESEARCH UNDER HATCH ACT.—The Hatch Act
4 of 1887 is amended by inserting after section 3 (7 U.S.C.
5 361c) the following:

6 **“SEC. 3A. MANDATORY FUNDING.**

7 “(a) FUNDING.—

8 “(1) IN GENERAL.—In addition to any amounts
9 authorized to be appropriated under section 3, on
10 the first October 1 after the date of enactment of
11 the Climate Stewardship Act of 2021, and on each
12 October 1 thereafter through October 1, 2029, out
13 of any funds in the Treasury not otherwise appro-
14 priated, the Secretary of the Treasury shall transfer
15 to the Secretary to carry out this Act \$518,000,000,
16 to remain available until expended.

17 “(2) RECEIPT AND ACCEPTANCE.—The Sec-
18 retary shall be entitled to receive, shall accept, and
19 shall use to carry out this Act the funds transferred
20 under paragraph (1), without further appropriation.

21 “(b) CLIMATE STEWARDSHIP.—Of the funds made
22 available under subsection (a)(1), not less than 50 percent
23 shall be used for research relating to—

24 “(1) reducing greenhouse gas emissions and in-
25 creasing resilience in—

1 “(A) the agricultural sector; and

2 “(B) communities;

3 “(2) increasing carbon sequestration;

4 “(3) improving soil health; and

5 “(4) increasing soil carbon levels.”.

6 (h) ACTIVITIES UNDER SMITH-LEVER ACT.—The
7 Smith-Lever Act is amended by inserting after section 3
8 (7 U.S.C. 343) the following:

9 **“SEC. 3A. MANDATORY FUNDING.**

10 “(a) FUNDING.—

11 “(1) IN GENERAL.—In addition to any amounts
12 authorized to be appropriated under section 3, on
13 the first October 1 after the date of enactment of
14 the Climate Stewardship Act of 2021, and on each
15 October 1 thereafter through October 1, 2029, out
16 of any funds in the Treasury not otherwise appro-
17 priated, the Secretary of the Treasury shall transfer
18 to the Secretary to carry out this Act \$649,400,000,
19 to remain available until expended.

20 “(2) 1994 INSTITUTIONS.—Of the funds trans-
21 ferred under paragraph (1), \$19,400,000 shall be
22 for payment on behalf of the 1994 Institutions (as
23 defined in section 532 of the Equity in Educational
24 Land-Grant Status Act of 1994 (7 U.S.C. 301 note;
25 Public Law 103–382)) for the purposes described in

1 section 2, to be distributed in accordance with the
2 process described in section 3(b)(3).

3 “(3) RECEIPT AND ACCEPTANCE.—The Sec-
4 retary shall be entitled to receive, shall accept, and
5 shall use to carry out this Act the funds transferred
6 under paragraph (1), without further appropriation.

7 “(b) CLIMATE STEWARDSHIP.—Of the funds made
8 available under subsection (a)(1), and of the funds des-
9 ignated for 1994 Institutions under subsection (a)(2), not
10 less than 50 percent shall be used for activities relating
11 to—

12 “(1) reducing greenhouse gas emissions and in-
13 creasing resilience in—

14 “(A) the agricultural sector; and

15 “(B) communities;

16 “(2) increasing carbon sequestration;

17 “(3) improving soil health; and

18 “(4) increasing soil carbon levels.”.

19 (i) EXTENSION AT 1890 LAND-GRANT COLLEGES,
20 INCLUDING TUSKEGEE UNIVERSITY AND THE UNIVER-
21 SITY OF THE DISTRICT OF COLUMBIA.—Section 1444 of
22 the Food and Agriculture Act of 1977 (7 U.S.C. 3221)
23 is amended by adding at the end the following:

24 “(g) MANDATORY FUNDING.—

25 “(1) FUNDING.—

1 “(A) IN GENERAL.—In addition to any
2 amounts authorized to be appropriated under
3 subsection (a), on the first October 1 after the
4 date of enactment of the Climate Stewardship
5 Act of 2021, and on each October 1 thereafter
6 through October 1, 2029, out of any funds in
7 the Treasury not otherwise appropriated, the
8 Secretary of the Treasury shall transfer to the
9 Secretary to carry out this section
10 \$200,000,000, to remain available until ex-
11 pended.

12 “(B) RECEIPT AND ACCEPTANCE.—The
13 Secretary shall be entitled to receive, shall ac-
14 cept, and shall use to carry out this section the
15 funds transferred under subparagraph (A),
16 without further appropriation.

17 “(2) CLIMATE STEWARDSHIP.—Of the funds
18 made available under paragraph (1)(A), not less
19 than 50 percent shall be used for programs and ac-
20 tivities relating to—

21 “(A) reducing greenhouse gas emissions
22 and increasing resilience in the agricultural sec-
23 tor;

24 “(B) increasing carbon sequestration;

25 “(C) improving soil health; and

1 “(D) increasing soil carbon levels.”.

2 (j) AGRICULTURAL RESEARCH AT 1890 LAND-
3 GRANT COLLEGES, INCLUDING TUSKEGEE UNIVERSITY
4 AND THE UNIVERSITY OF THE DISTRICT OF COLUMBIA.—
5 Section 1445 of the Food and Agriculture Act of 1977
6 (7 U.S.C. 3222) is amended by adding at the end the fol-
7 lowing:

8 “(i) MANDATORY FUNDING.—

9 “(1) FUNDING.—

10 “(A) IN GENERAL.—In addition to any
11 amounts authorized to be appropriated under
12 subsection (a), on the first October 1 after the
13 date of enactment of the Climate Stewardship
14 Act of 2021, and on each October 1 thereafter
15 through October 1, 2029, out of any funds in
16 the Treasury not otherwise appropriated, the
17 Secretary of the Treasury shall transfer to the
18 Secretary to carry out this section
19 \$250,000,000, to remain available until ex-
20 pended.

21 “(B) RECEIPT AND ACCEPTANCE.—The
22 Secretary shall be entitled to receive, shall ac-
23 cept, and shall use to carry out this section the
24 funds transferred under subparagraph (A),
25 without further appropriation.

1 “(2) CLIMATE STEWARDSHIP.—Of the funds
2 made available under paragraph (1)(A), not less
3 than 50 percent shall be used for research relating
4 to—

5 “(A) reducing greenhouse gas emissions
6 and increasing resilience in the agricultural sec-
7 tor;

8 “(B) increasing carbon sequestration;

9 “(C) improving soil health; and

10 “(D) increasing soil carbon levels.”.

11 (k) NONLAND-GRANT COLLEGES OF AGRICULTURE
12 PROGRAM.—Section 1473F of the Food and Agriculture
13 Act of 1977 (7 U.S.C. 3319i) is amended—

14 (1) in subsection (a)(1)(A), by inserting after
15 “agriculture” the following: “, including—

16 “(i) reducing greenhouse gas emis-
17 sions and increasing resilience in the agri-
18 cultural sector;

19 “(ii) increasing carbon sequestration;

20 “(iii) improving soil health; and

21 “(iv) increasing soil carbon levels;”;

22 and

23 (2) by striking subsection (b) and inserting the
24 following:

25 “(b) FUNDS.—

1 “(1) IN GENERAL.—Of the funds of the Com-
2 modity Credit Corporation, the Secretary shall use
3 to carry out this section \$10,000,000 for each of fis-
4 cal years 2021 through 2030, to remain available
5 until expended.

6 “(2) CLIMATE STEWARDSHIP.—Of the funds
7 made available under paragraph (1), the Secretary
8 shall use not less than 50 percent to conduct the ac-
9 tivities described in clauses (i) through (iv) of sub-
10 section (a)(1)(A).”.

11 (l) MCINTIRE-STENNIS.—

12 (1) FUNDS.—Public Law 87–788 (commonly
13 known as the “McIntire-Stennis Cooperative For-
14 estry Act”) is amended by inserting after section 3
15 (16 U.S.C. 582a–2) the following:

16 **“SEC. 3A. MANDATORY FUNDING.**

17 “(a) FUNDING.—

18 “(1) IN GENERAL.—In addition to any amounts
19 authorized to be appropriated under section 3, on
20 the first October 1 after the date of enactment of
21 the Climate Stewardship Act of 2021, and on each
22 October 1 thereafter through October 1, 2029, out
23 of any funds in the Treasury not otherwise appro-
24 priated, the Secretary of the Treasury shall transfer

1 to the Secretary to carry out this Act \$72,000,000,
2 to remain available until expended.

3 “(2) RECEIPT AND ACCEPTANCE.—The Sec-
4 retary shall be entitled to receive, shall accept, and
5 shall use to carry out this Act the funds transferred
6 under paragraph (1), without further appropriation.

7 “(b) CLIMATE STEWARDSHIP.—Of the funds made
8 available under subsection (a)(1), not less than 50 percent
9 shall be used for activities relating to—

10 “(1) reducing greenhouse gas emissions and in-
11 creasing resilience in the agricultural sector;

12 “(2) increasing carbon sequestration;

13 “(3) improving soil health; and

14 “(4) increasing soil carbon levels.”.

15 (m) 1994 INSTITUTIONS RESEARCH.—Section 536 of
16 the Equity in Educational Land-Grant Status Act of 1994
17 (7 U.S.C. 301 note; Public Law 103–382) is amended by
18 adding at the end the following:

19 “(d) MANDATORY FUNDING.—

20 “(1) IN GENERAL.—In addition to any amounts
21 authorized to be appropriated under subsection (c),
22 on the first October 1 after the date of enactment
23 of the Climate Stewardship Act of 2021, and on
24 each October 1 thereafter through October 1, 2029,
25 out of any funds in the Treasury not otherwise ap-

1 appropriated, the Secretary of the Treasury shall
 2 transfer to the Secretary to carry out this section
 3 \$11,400,000, to remain available until expended.

4 “(2) RECEIPT AND ACCEPTANCE.—The Sec-
 5 retary shall be entitled to receive, shall accept, and
 6 shall use to carry out this section the funds trans-
 7 ferred under paragraph (1), without further appro-
 8 priation.

9 “(3) CLIMATE STEWARDSHIP.—Of the funds
 10 made available under paragraph (1), not less than
 11 50 percent shall be used for activities relating to—

12 “(A) reducing greenhouse gas emissions
 13 and increasing resilience in the agricultural sec-
 14 tor;

15 “(B) increasing carbon sequestration;

16 “(C) improving soil health; and

17 “(D) increasing soil carbon levels.”.

18 **SEC. 107. CONSERVATION TECHNICAL ASSISTANCE.**

19 Section 6 of the Soil Conservation and Domestic Al-
 20 lotment Act (16 U.S.C. 590f) is amended—

21 (1) by striking the section designation and
 22 heading and all that follows through “There is” in
 23 subsection (a) and inserting the following:

1 **“SEC. 6. FUNDING; CONSERVATION TECHNICAL ASSIST-**
2 **ANCE FUND.**

3 “(a) FUNDING.—

4 “(1) MANDATORY FUNDING.—Of the funds of
5 the Commodity Credit Corporation, the Secretary of
6 Agriculture shall use to carry out this Act
7 \$2,100,000,000 for each of fiscal years 2021
8 through 2030.

9 “(2) AUTHORIZATION OF APPROPRIATIONS.—
10 There are”;

11 (2) in the undesignated matter following para-
12 graph (2) (as so designated) of subsection (a), by
13 striking “Appropriations” and inserting the fol-
14 lowing:

15 “(3) AVAILABILITY OF APPROPRIATIONS FOR
16 NURSERY STOCK.—Appropriations”; and

17 (3) by adding at the end the following:

18 “(c) PRIORITY FOR SOCIALLY DISADVANTAGED
19 FARMERS AND RANCHERS.—In using amounts made
20 available by subsection (a)(1) for conservation technical
21 assistance under this Act, the Secretary of Agriculture
22 shall give priority to socially disadvantaged farmers and
23 ranchers (as defined in section 2501(a) of the Food, Agri-
24 culture, Conservation, and Trade Act of 1990 (7 U.S.C.
25 2279(a))).”.

1 **SEC. 108. RURAL ENERGY FOR AMERICA PROGRAM.**

2 Section 9007 of the Farm Security and Rural Invest-
3 ment Act of 2002 (7 U.S.C. 8107) is amended—

4 (1) in subsection (c)—

5 (A) in paragraph (1)(A)—

6 (i) in clause (i)(II), by striking “and”
7 at the end;

8 (ii) in clause (ii)(III), by striking the
9 period at the end and inserting “; and”;
10 and

11 (iii) by adding at the end the fol-
12 lowing:

13 “(iii) loan guarantees and grants to
14 agricultural producers, rural small busi-
15 nesses, and farmer-owned cooperatives to
16 carry out solar projects that include the
17 creation of pollinator habitat.”;

18 (B) by redesignating paragraphs (2)
19 through (4) as paragraphs (3) through (5), re-
20 spectively;

21 (C) by inserting after paragraph (1) the
22 following:

23 “(2) PRIORITY.—In providing loan guarantees
24 and grants under paragraph (1)(A), the Secretary
25 shall give priority to solar projects that include the
26 creation of pollinator habitat.”; and

1 (D) in subparagraph (A) of paragraph (4)
2 (as so redesignated)—

3 (i) by striking “The amount” and in-
4 sserting the following:

5 “(i) IN GENERAL.—Except as pro-
6 vided in clause (ii), the amount”; and

7 (ii) by adding at the end the fol-
8 lowing:

9 “(ii) SOLAR PROJECTS.—The amount
10 of a grant under paragraph (1)(A)(iii)
11 shall not exceed 60 percent of the cost of
12 the activity carried out using funds from
13 the grant, including the cost of the cre-
14 ation of a pollinator habitat.”; and

15 (2) in subsection (f)—

16 (A) in paragraph (1)—

17 (i) in subparagraph (D), by striking
18 “and” at the end;

19 (ii) in subparagraph (E), by striking
20 “for fiscal” and all that follows through
21 the period at the end and inserting “for
22 each of fiscal years 2014 through 2020;”;
23 and

24 (iii) by adding at the end the fol-
25 lowing:

1 “(F) \$500,000,000 for fiscal year 2021;

2 “(G) \$1,000,000,000 for fiscal year 2022;

3 “(H) \$2,000,000,000 for fiscal year 2023;

4 and

5 “(I) \$3,000,000,000 for each of fiscal
6 years 2024 through 2030.”; and

7 (B) by adding at the end the following:

8 “(4) SET-ASIDES FOR SOCIALLY DISADVAN-
9 TAGED AND BEGINNING FARMERS AND RANCH-
10 ERS.—Of the funds made available under paragraph
11 (1) for each fiscal year, the Secretary shall allo-
12 cate—

13 “(A) 5 percent to provide assistance under
14 this section to socially disadvantaged farmers
15 and ranchers (as defined in section 2501(a) of
16 the Food, Agriculture, Conservation, and Trade
17 Act of 1990 (7 U.S.C. 2279(a))); and

18 “(B) 5 percent to provide assistance under
19 this section to beginning farmers and ranchers
20 (as defined in that section (7 U.S.C.
21 2279(a))).”.

22 **SEC. 109. LOCAL AGRICULTURE MARKET PROGRAM.**

23 Section 210A(i)(1) of the Agricultural Marketing Act
24 of 1946 (7 U.S.C. 1627c(i)(1)) is amended by striking

1 “\$50,000,000 for fiscal year 2019” and inserting
2 “\$500,000,000 for fiscal year 2021”.

3 **SEC. 110. SOIL HEALTH EQUIPMENT GRANT PROGRAM.**

4 (a) DEFINITIONS.—In this section:

5 (1) ELIGIBLE LAND.—The term “eligible land”
6 means land on which agricultural commodities, live-
7 stock, or forest-related products are produced.

8 (2) SECRETARY.—The term “Secretary” means
9 the Secretary of Agriculture.

10 (b) ESTABLISHMENT.—The Secretary shall establish
11 a program under which the Secretary shall award grants
12 to agricultural producers to acquire equipment for the
13 purpose of implementing climate stewardship practices (as
14 defined in section 1240A of the Food Security Act of 1985
15 (16 U.S.C. 3839aa–1)) on eligible land to increase soil
16 health.

17 (c) PRIORITY.—In providing grants under subsection
18 (b), the Secretary shall give priority to equipment for—

19 (1) projects to carry out nonchemical termi-
20 nation of cover crops; and

21 (2) on-farm composting facilities.

22 (d) FUNDING.—

23 (1) IN GENERAL.—There is authorized to be
24 appropriated to carry out this section \$100,000,000
25 for each of fiscal years 2021 through 2030.

1 (2) SET-ASIDES FOR SOCIALLY DISADVANTAGED
2 AND BEGINNING FARMERS AND RANCHERS.—Of the
3 amount made available under paragraph (1), the
4 Secretary shall set aside—

5 (A) 5 percent to provide assistance to so-
6 cially disadvantaged farmers and ranchers (as
7 defined in section 2501(a) of the Food, Agri-
8 culture, Conservation, and Trade Act of 1990
9 (7 U.S.C. 2279(a))); and

10 (B) 5 percent to provide assistance to be-
11 ginning farmers and ranchers (as defined in
12 that section (7 U.S.C. 2279(a))).

13 **SEC. 111. FARM AND RANCH STRESS ASSISTANCE NET-**
14 **WORK.**

15 Section 7522 of the Food, Conservation, and Energy
16 Act of 2008 (7 U.S.C. 5936) is amended by striking sub-
17 section (d) and inserting the following:

18 “(d) MANDATORY FUNDING.—Of the funds of the
19 Commodity Credit Corporation, the Secretary shall use to
20 carry out this section \$10,000,000 for each of fiscal years
21 2021 through 2030.”.

22 **SEC. 112. ASSISTANCE FOR COMMUNITY FOOD PROJECTS.**

23 Section 25 of the Food and Nutrition Act of 2008
24 (7 U.S.C. 2034) is amended—

25 (1) in subsection (b)—

1 (A) in paragraph (1), by inserting “includ-
2 ing amounts made available under subsection
3 (i) to carry out this section,” after “Act,”; and

4 (B) in paragraph (2)(D), by striking
5 “\$5,000,000” and inserting “\$25,000,000”;
6 (2) in subsection (d)—

7 (A) in paragraph (4), by striking “or” at
8 the end;

9 (B) in paragraph (5)(C), by striking the
10 period at the end and inserting “; or”; and

11 (C) by adding at the end the following:

12 “(6) address food security in urban low-income
13 communities by making those communities more cli-
14 mate resilient through the creation or expansion of
15 urban farms, community gardens, and rooftop gar-
16 dens that grow produce for personal use or for local
17 sale through farm stands, farmers’ markets, commu-
18 nity supported agriculture subscriptions, and other
19 delivery methods.”; and

20 (3) by adding at the end the following:

21 “(i) FUNDING.—Of the funds of the Commodity
22 Credit Corporation, the Secretary shall use to carry out
23 this section \$25,000,000 for each of fiscal years 2020
24 through 2030, to remain available until expended.”.

TITLE II—FORESTS**2 SEC. 201. REFORESTATION TRUST FUND.**

3 (a) IN GENERAL.—Section 303 of Public Law 96–
4 451 (16 U.S.C. 1606a) is amended—

5 (1) in subsection (b)—

6 (A) in paragraph (1), by striking “Subject
7 to” and all that follows through “the Sec-
8 retary” and inserting “The Secretary”;

9 (B) by striking paragraph (2); and

10 (C) by redesignating paragraph (3) as
11 paragraph (2);

12 (2) in subsection (d)—

13 (A) in the matter preceding paragraph
14 (1)—

15 (i) by striking the subsection designa-
16 tion and all that follows through “The Sec-
17 retary” and inserting the following:

18 “(d) REFORESTATION BY SECRETARY OF AGRICULTURE.—The Secretary”; and

19 (ii) by striking “for”;

20 (B) in paragraph (1)—

21 (i) by inserting “for” before “reforest-
22 ation”; and

23 (ii) by striking “and” at the end;

1 (C) by redesignating paragraph (2) as
2 paragraph (7);

3 (D) by inserting after paragraph (1) the
4 following:

5 “(2) to the Chief of the Forest Service to refore-
6 est, in accordance with subsection (f), National For-
7 est System land—

8 “(A)(i) that was subject to a mortality
9 event caused by a high-intensity wildfire, pest
10 infestation, invasive species, disease, or drought
11 or other extreme weather event; or

12 “(ii) to reclaim abandoned mine land, an
13 orphaned oil or gas well, or a decommissioned
14 logging road or landing; and

15 “(B) that is determined to be in need of
16 active reforestation based on field surveys as-
17 sessing regeneration potential;

18 “(3) to carry out the Reforest America Grant
19 Program established under section 6 of the Coopera-
20 tive Forestry Assistance Act of 1978;

21 “(4) to carry out the Forest Stewardship Prac-
22 tice Program established under section 7B of the
23 Cooperative Forestry Assistance Act of 1978;

1 “(5) to carry out the urban wood programs es-
2 tablished under section 21 of the Cooperative For-
3 estry Assistance Act of 1978;

4 “(6) to operate the Stewardship Corps estab-
5 lished under section 206 of the Climate Stewardship
6 Act of 2021; and”;

7 (E) in paragraph (7) (as so redesignated),
8 by inserting “for” before “properly”; and
9 (3) by adding at the end the following:

10 “(e) REFORESTATION BY SECRETARY OF THE INTE-
11 RIOR.—The Secretary of the Interior shall obligate from
12 amounts in the Trust Fund not more than \$250,000,000
13 for each of fiscal years 2021 through 2030, as necessary
14 to reforest, in accordance with subsection (f)—

15 “(1) land—

16 “(A)(i) that was subject to a mortality
17 event caused by a high-intensity wildfire, pest
18 infestation, invasive species, disease, or drought
19 or other extreme weather event; or

20 “(ii) to reclaim abandoned mine land, an
21 orphaned oil or gas well, or a decommissioned
22 logging road or landing; and

23 “(B) that is determined to be in need of
24 active reforestation based on field surveys as-

1 sessing regeneration potential and is managed
2 by the Bureau of Land Management; and

3 “(2) land that is determined to be in need of
4 active reforestation and is managed by the Bureau
5 of Indian Affairs, by planting—

6 “(A) to the maximum extent practicable,
7 12,500,000 trees in each of calendar years
8 2021 and 2022;

9 “(B) to the maximum extent practicable,
10 25,000,000 trees in each of calendar years
11 2023 and 2024;

12 “(C) to the maximum extent practicable,
13 37,500,000 trees in each of calendar years
14 2025 and 2026; and

15 “(D) to the maximum extent practicable,
16 50,000,000 trees in—

17 “(i) each of calendar years 2027
18 through 2029; and

19 “(ii) the period beginning on January
20 1, 2030, and ending on September 30,
21 2030.

22 “(f) REFORESTATION.—

23 “(1) DEFINITION OF CONNECTIVITY.—In this
24 subsection, the term ‘connectivity’ means the degree

1 to which the landscape facilitates native species
2 movement.

3 “(2) REFORESTATION.—

4 “(A) IN GENERAL.—Reforestation under
5 subsections (d)(2) and (e) shall consist of eco-
6 logically based site preparation, tree planting,
7 and subsequent management using practices
8 that—

9 “(i) are informed by climate change
10 science and the importance of spatial pat-
11 tern;

12 “(ii) enhance forest health, resilience,
13 and biodiversity; and

14 “(iii) reduce vulnerability to future
15 forest mortality and catastrophic wildfire.

16 “(B) POST-WILDFIRE REFORESTATION.—

17 In the case of reforestation under subsections
18 (d)(2) and (e), sums available in the Trust
19 Fund shall not be used for post-wildfire salvage
20 logging.

21 “(3) PRIORITY.—In carrying out reforestation
22 under subsections (d)(2) and (e), the Chief of the
23 Forest Service and the Secretary of the Interior, as
24 applicable, shall give priority to planting—

1 “(A) that will restore and maintain resil-
2 ient landscapes;

3 “(B) on land on which the planting pro-
4 vides increased habitat connectivity for wildlife;
5 and

6 “(C) that will provide the largest potential
7 long-term increase in carbon sequestration.

8 “(g) MANDATORY FUNDING.—To carry out para-
9 graphs (2) through (6) of subsection (d) and subsection
10 (e), the Secretary of the Treasury shall transfer from the
11 general fund of the Treasury into the Trust Fund
12 \$5,500,000,000 for each of fiscal years 2021 through
13 2030.”.

14 (b) REGULATIONS.—Not later than 180 days after
15 the date of enactment of this Act, the Secretary of Agri-
16 culture and the Secretary of the Interior shall issue regu-
17 lations necessary to carry out the amendments made by
18 this section.

19 **SEC. 202. REFOREST AMERICA GRANT PROGRAM.**

20 The Cooperative Forestry Assistance Act of 1978 is
21 amended by inserting after section 5 (16 U.S.C. 2103a)
22 the following:

23 **“SEC. 6. REFOREST AMERICA GRANT PROGRAM.**

24 “(a) DEFINITIONS.—In this section:

1 “(1) COMMUNITY OF COLOR.—The term ‘com-
2 munity of color’ means, in a State, a census block
3 group in an urban area for which the aggregate per-
4 centage of residents who identify as Black, African-
5 American, Asian, Pacific Islander, Hispanic, Latino,
6 other nonwhite race, or linguistically isolated is—

7 “(A) not less than 50 percent; or

8 “(B) is significantly higher than the State
9 average.

10 “(2) ELIGIBLE COST.—The term ‘eligible cost’
11 means, with respect to a project of an eligible entity
12 under the Program—

13 “(A) the cost of implementing a reforest-
14 ation project, including by—

15 “(i) planning and designing the refor-
16 estation activity, including considering rel-
17 evant science;

18 “(ii) establishing tree nurseries;

19 “(iii) purchasing trees; and

20 “(iv) ecologically based site prepara-
21 tion, including the labor and cost associ-
22 ated with the use of machinery;

23 “(B) the cost of maintaining and moni-
24 toring planted trees for a period of up to 3

1 years to ensure successful establishment of the
2 trees;

3 “(C) with respect to reforestation in an
4 urban area under subsection (e) in a low in-
5 come community that has an existing tree can-
6 opy cover of not more than 20 percent, not
7 more than 50 percent of the cost of the mainte-
8 nance of any nearby tree canopy; and

9 “(D) any other relevant cost, as deter-
10 mined by the Secretary.

11 “(3) ELIGIBLE ENTITY.—The term ‘eligible en-
12 tity’ means—

13 “(A) a State agency;

14 “(B) a local governmental entity;

15 “(C) an Indian Tribe; and

16 “(D) a nonprofit organization.

17 “(4) ELIGIBLE LAND.—

18 “(A) IN GENERAL.—The term ‘eligible
19 land’ means—

20 “(i) land owned in fee simple by an el-
21 igible entity—

22 “(I)(aa) for which, at the time of
23 application to the Program under sub-
24 section (c), the forest stocking level of
25 the land is less than 25 percent of re-

1 regional norms for forest properties
2 with comparable tree species and soil
3 characteristics; and

4 “(bb) that is in need of active re-
5 forestation due to events such as—

6 “(AA) high-intensity wild-
7 fire;

8 “(BB) pest infestation;

9 “(CC) invasive species; and

10 “(DD) drought and other
11 extreme weather; or

12 “(II) that was formerly forest
13 land and has been abandoned or in-
14 completely reclaimed from mining,
15 commercial development, clearing for
16 agriculture, or other nonforest use;
17 and

18 “(ii) with respect to reforestation in
19 an urban area under subsection (e), land
20 in that urban area that is owned in fee
21 simple by an eligible entity.

22 “(B) EXCLUSION.—The term ‘eligible land’
23 does not include land on which the eligible enti-
24 ty conducted a timber harvest—

1 “(i) not later than 5 years before the
2 date on which the eligible entity submits
3 an application under subsection (c); and

4 “(ii) that resulted in a forest stocking
5 level described in subparagraph
6 (A)(i)(I)(aa).

7 “(5) INDIAN TRIBE.—The term ‘Indian Tribe’
8 has the meaning given the term in section 4 of the
9 Indian Self-Determination and Education Assistance
10 Act (25 U.S.C. 5304).

11 “(6) LOCAL GOVERNMENTAL ENTITY.—The
12 term ‘local governmental entity’ means any munic-
13 ipal government or county government with jurisdic-
14 tion over local land use decisions.

15 “(7) LOW INCOME COMMUNITY.—The term ‘low
16 income community’ means any census block group in
17 an urban area in which not less than 30 percent of
18 the population lives below the poverty line (as de-
19 fined in section 673 of the Community Services
20 Block Grant Act (42 U.S.C. 9902)).

21 “(8) NONPROFIT ORGANIZATION.—The term
22 ‘nonprofit organization’ means an organization
23 that—

24 “(A) is described in section 170(h)(3) of
25 the Internal Revenue Code of 1986; and

1 “(B) operates in accordance with 1 or
2 more of the purposes described in section
3 170(h)(4)(A) of that Code.

4 “(9) PROGRAM.—The term ‘Program’ means
5 the Reforest America Grant Program established
6 under subsection (b)(1).

7 “(10) SECRETARY.—The term ‘Secretary’
8 means the Secretary of Agriculture, acting through
9 the Chief of the Forest Service.

10 “(11) URBAN AREA.—The term ‘urban area’
11 means an area identified by the Bureau of the Cen-
12 sus as an ‘urban area’ in the most recent census.

13 “(b) ESTABLISHMENT.—

14 “(1) IN GENERAL.—The Secretary shall estab-
15 lish a program, to be known as the ‘Reforest Amer-
16 ica Grant Program’, under which the Secretary shall
17 award grants to eligible entities to conduct projects
18 to reforest eligible land in accordance with this sec-
19 tion.

20 “(2) REFORESTATION.—In carrying out the
21 Program, the Secretary shall, to the maximum ex-
22 tent practicable, award sufficient grants each year to
23 plant—

24 “(A) 50,000,000 trees in each of calendar
25 years 2021 and 2022;

1 “(B) 100,000,000 trees in each of calendar
2 years 2023 and 2024;

3 “(C) 150,000,000 trees in each of calendar
4 years 2025 and 2026; and

5 “(D) 250,000,000 trees in—

6 “(i) each of calendar years 2027
7 through 2029; and

8 “(ii) the period beginning on January
9 1, 2030, and ending on September 30,
10 2030.

11 “(c) APPLICATIONS.—

12 “(1) IN GENERAL.—An eligible entity that
13 seeks to receive a grant under the Program shall
14 submit an application at such time, in such form,
15 and containing such information as the Secretary
16 may require, including the information described in
17 paragraph (2), to—

18 “(A) the State forester or equivalent offi-
19 cial of the State in which the eligible entity is
20 located; or

21 “(B) in the case of an eligible entity that
22 is an Indian Tribe, an official of the governing
23 body of the Indian Tribe.

24 “(2) CONTENTS.—An application submitted
25 under paragraph (1) shall include—

1 “(A) the reason that the forest stocking
2 level of the land is less than 25 percent of re-
3 gional norms for forest properties with com-
4 parable tree species and soil characteristics, if
5 applicable;

6 “(B) the natural, economic, and environ-
7 mental benefits of returning the eligible land to
8 forested condition;

9 “(C) an estimate of the annual carbon se-
10 questration that will be achieved by the re-
11 planted forests, using processes determined by
12 the Secretary;

13 “(D) a reforestation plan that includes—

14 “(i) a list of expected eligible costs;

15 “(ii) a description of the site prepara-
16 tion and the tree species to be planted;

17 “(iii) a description of the manner in
18 which the design of the project is informed
19 by climate change science and will enhance
20 forest health, resilience, and biodiversity;

21 “(iv) an explanation of the manner in
22 which the land will be maintained for 36
23 months after planting to ensure successful
24 establishment; and

1 “(v) an explanation of the manner in
2 which the land will be managed later than
3 36 months after planting, including wheth-
4 er that management shall include a timber
5 harvest;

6 “(E) in the case of an application for an
7 urban reforestation project under subsection
8 (e)—

9 “(i) a description of the manner in
10 which the tree planting shall address dis-
11 parities in local environmental quality,
12 such as lower tree canopy cover; and

13 “(ii) a description of the anticipated
14 community and stakeholder engagement in
15 the project; and

16 “(F) any other relevant information re-
17 quired by the Secretary.

18 “(3) APPLICATIONS TO SECRETARY.—Each offi-
19 cial that receives an application under paragraph (1)
20 shall submit the application to the Secretary with a
21 description of the application and any other relevant
22 information that the Secretary may require.

23 “(d) PRIORITY.—

24 “(1) DEFINITION OF CONNECTIVITY.—In this
25 subsection, the term ‘connectivity’ means the degree

1 to which the landscape facilitates native species
2 movement.

3 “(2) PRIORITY.—In awarding grants under the
4 Program, the Secretary shall give priority—

5 “(A) to projects that provide the largest
6 potential increase in carbon sequestration per
7 dollar;

8 “(B) to projects that provide increased
9 habitat connectivity for wildlife;

10 “(C) to projects under which an eligible
11 entity will enter into a contract or cooperative
12 agreement with 1 or more qualified youth or
13 conservation corps (as the term is defined in
14 section 203 of Public Law 91–378 (commonly
15 known as the ‘Youth Conservation Corps Act of
16 1970’) (16 U.S.C. 1722)); and

17 “(D) in the case of urban reforestation
18 projects under subsection (e), to projects that—

19 “(i) are located in a community of
20 color or a low-income community;

21 “(ii) are located in a neighborhood
22 with poor local environmental quality, in-
23 cluding lower tree canopy cover and higher
24 maximum daytime summer temperatures;

1 “(iii) are located in a neighborhood
2 with high amounts of senior citizens or
3 children;

4 “(iv) are located immediately adjacent
5 to large numbers of residents;

6 “(v) will collaboratively engage neigh-
7 bors and community members that will be
8 closely affected by the tree planting in as
9 many aspects of project development and
10 implementation as possible; and

11 “(vi) will employ a substantial per-
12 centage of the workforce locally, with a
13 focus on engaging unemployed and under-
14 employed persons in communities of color
15 and low-income communities.

16 “(e) URBAN REFORESTATION.—

17 “(1) IN GENERAL.—In carrying out the Pro-
18 gram, the Secretary shall award sufficient grants
19 each year to projects carried out in urban areas to
20 plant, to the maximum extent practicable—

21 “(A) 5,000,000 trees in each of calendar
22 years 2021 through 2023;

23 “(B) 10,000,000 trees in each of calendar
24 years 2024 through 2027; and

1 “(C) 15,000,000 trees in each of calendar
2 years 2028 through 2030.

3 “(2) FEDERAL SHARE.—The Secretary shall
4 award a grant to an eligible entity under the Pro-
5 gram to conduct a reforestation project in an urban
6 area in an amount equal to not more than 90 per-
7 cent of the cost of reforesting the eligible land, as
8 determined by the Secretary.

9 “(3) MATCHING REQUIREMENT.—As a condi-
10 tion of receiving a grant described in paragraph (2),
11 an eligible entity shall provide, in cash or through
12 in-kind contributions from non-Federal sources,
13 matching funds in an amount equal to not less than
14 10 percent of the cost of reforesting the eligible
15 land, as determined by the Secretary.

16 “(f) PROHIBITED CONVERSION TO NONFOREST
17 USE.—

18 “(1) IN GENERAL.—Subject to paragraphs (2)
19 and (3), an eligible entity that receives a grant
20 under the Program shall not sell or convert land
21 that was reforested under the Program to nonforest
22 use.

23 “(2) REIMBURSEMENT OF FUNDS.—An eligible
24 entity that receives a grant under this Program and
25 sells or converts land that was reforested under the

1 Program to nonforest use shall pay to the Federal
2 Government an amount equal to the greater of—

3 “(A) the amount of the grant; and

4 “(B) the current appraised value of timber
5 stocks on that land.

6 “(3) LOSS OF ELIGIBILITY.—An eligible entity
7 that receives a grant under this Program and sells
8 or converts land that was reforested under the Pro-
9 gram to nonforest use shall not be eligible for addi-
10 tional grants under the Program.

11 “(g) COSTS.—

12 “(1) FEDERAL SHARE.—Unless otherwise pro-
13 vided under this section, the Secretary shall award
14 a grant to an eligible entity under the Program in
15 an amount equal to not more than 75 percent of the
16 cost of reforesting the eligible land, as determined by
17 the Secretary.

18 “(2) MATCHING REQUIREMENT.—Unless other-
19 wise provided under this section, as a condition of
20 receiving a grant under the Program, an eligible en-
21 tity shall provide, in cash or through in-kind con-
22 tributions from non-Federal sources, matching funds
23 in an amount equal to not less than 25 percent of
24 the cost of reforesting the eligible land, as deter-
25 mined by the Secretary.

1 “(h) PLANTING SURVIVAL.—An eligible entity that
2 receives a grant under the Program shall—

3 “(1) not later than 36 months after planting
4 has been completed using the grant funds, submit to
5 the responsible State or Tribal official, as applicable,
6 a monitoring report that describes project implemen-
7 tation, including the survival rate of all plantings
8 made under the grant; and

9 “(2) if the survival rate reported in the moni-
10 toring report under paragraph (1) is, after 36
11 months, less than the required minimum survival
12 rate for the geographic area in which the planting
13 is located, as determined by a State forester or
14 equivalent State or Tribal official, as applicable, re-
15 plant tree seedlings in a quantity equivalent to half
16 of the original planting, using comparable means to
17 the original planting.

18 “(i) PREVAILING WAGE REQUIREMENT.—Any con-
19 tractor or subcontractor entering into a service contract
20 in connection with a project under the Program shall—

21 “(1) be treated as a Federal contractor or sub-
22 contractor for purposes of chapter 67 of title 41,
23 United States Code (commonly known as the
24 ‘McNamara-O’Hara Service Contract Act of 1965’);
25 and

1 “(2) pay each class of employee employed by
2 the contractor or subcontractor wages and fringe
3 benefits at rates in accordance with prevailing rates
4 for the class in the locality, or, where a collective-
5 bargaining agreement covers the employee, in ac-
6 cordance with the rates provided for in the agree-
7 ment, including prospective wage increases provided
8 for in the agreement.

9 “(j) REPORT.—The Secretary shall annually submit
10 to the relevant committees of Congress a report that de-
11 scribes the activities of the Program, including the total
12 amount of carbon sequestered by replanted forests during
13 the year covered by the report.

14 “(k) FUNDING.—

15 “(1) IN GENERAL.—Of the funds of the Refor-
16 estation Trust Fund established under section 303
17 of Public Law 96–451 (16 U.S.C. 1606a), the Sec-
18 retary shall use such sums as are necessary to carry
19 out the Program.

20 “(2) ADMINISTRATIVE COSTS AND TECHNICAL
21 ASSISTANCE.—Of the funds used under paragraph
22 (1), the Secretary shall allocate not more than 10
23 percent for each fiscal year to State foresters or
24 equivalent officials, including equivalent officials of

1 Indian Tribes, for administrative costs and technical
2 assistance under the Program.”.

3 **SEC. 203. FUNDING FOR THE COMMUNITY FOREST AND**
4 **OPEN SPACE CONSERVATION PROGRAM.**

5 In addition to amounts otherwise made available, of
6 the funds of the Reforestation Trust Fund established
7 under section 303 of Public Law 96–451 (16 U.S.C.
8 1606a), the Secretary of Agriculture shall use
9 \$100,000,000 for each of fiscal years 2021 through 2030
10 to carry out the community forest and open space con-
11 servation program established under section 7A of the Co-
12 operative Forestry Assistance Act of 1978 (16 U.S.C.
13 2103d).

14 **SEC. 204. FOREST STEWARDSHIP PRACTICE PROGRAM.**

15 The Cooperative Forestry Assistance Act of 1978 is
16 amended by inserting after section 7A (16 U.S.C. 2103d)
17 the following:

18 **“SEC. 7B. FOREST STEWARDSHIP PRACTICE PROGRAM.**

19 “(a) IN GENERAL.—The Secretary shall establish a
20 Forest Stewardship Practice Program (referred to in this
21 section as the ‘program’) to provide funding to carry out
22 forest practices determined by the Secretary to increase
23 carbon sequestration and storage on private forest land,
24 including extended timber harvest rotations.

1 “(b) PRACTICES AND PAYMENT RATES.—The Sec-
2 retary shall—

3 “(1) establish a schedule of eligible forest prac-
4 tices and payment rates under the program, cali-
5 brated to forest type and other relevant consider-
6 ations; and

7 “(2) update the schedule established under
8 paragraph (1) annually with statistical sampling of
9 projects funded under the program.

10 “(c) PRIORITY.—In awarding funding under the pro-
11 gram, the Secretary shall give priority to projects that
12 incentivize the largest quantity of carbon sequestration
13 and storage by—

14 “(1) increasing timber harvest intervals; and

15 “(2) removing less carbon during timber har-
16 vest operations.

17 “(d) FUNDING.—Of the funds of the Reforestation
18 Trust Fund established under section 303 of Public Law
19 96–451 (16 U.S.C. 1606a), the Secretary shall use not
20 more than \$1,000,000,000 for each fiscal year to carry
21 out this section.”.

22 **SEC. 205. URBAN WOOD PROGRAMS.**

23 (a) IN GENERAL.—The Cooperative Forestry Assist-
24 ance Act of 1978 (16 U.S.C. 2101 et seq.) is amended
25 by adding at the end the following:

1 **“SEC. 21. URBAN WOOD PROGRAMS.**

2 “(a) DEFINITIONS.—In this section:

3 “(1) INNOVATIVE URBAN WOOD PRODUCT.—

4 The term ‘innovative urban wood product’ means a
5 wood product that uses wood residues and byprod-
6 ucts from urban forest management, building
7 deconstruction, and other related sources of wood
8 generated in urban areas.

9 “(2) SECRETARY.—The term ‘Secretary’ means
10 the Secretary, acting through the Research and De-
11 velopment Deputy Area and the State and Private
12 Forestry Deputy Area of the Forest Service.

13 “(3) WOOD PRODUCT.—The term ‘wood prod-
14 uct’ includes—

15 “(A) building material made of wood;

16 “(B) a durable home product made of
17 wood; and

18 “(C) a woody residue used for bioenergy.

19 “(b) URBAN WOOD RESEARCH AND DEVELOPMENT
20 PROGRAM.—

21 “(1) DEFINITION OF ELIGIBLE ENTITY.—In
22 this subsection, the term ‘eligible entity’ means—

23 “(A) a unit of State, Tribal, or local gov-
24 ernment;

25 “(B) a land-grant college or university (as
26 defined in section 1404 of the National Agricul-

1 tural Research, Extension, and Teaching Policy
2 Act of 1977 (7 U.S.C. 3103)) or other institu-
3 tion of higher education;

4 “(C) a nonprofit organization; and

5 “(D) any other entity, as determined by
6 the Secretary.

7 “(2) ESTABLISHMENT.—The Secretary shall es-
8 tablish a program to facilitate the use of innovative
9 urban wood products in incorporated cities and
10 towns in the United States by—

11 “(A) conducting performance-driven re-
12 search and development relating to the potential
13 sources and uses of urban wood products;

14 “(B) providing education and technical as-
15 sistance to eligible entities relating to the poten-
16 tial sources and uses of urban wood products;
17 and

18 “(C) awarding grants under paragraph
19 (5).

20 “(3) COLLABORATION.—In carrying out the
21 program established under paragraph (2), the Sec-
22 retary shall obtain input and guidance from, and
23 collaborate with—

24 “(A) the wood products industry;

25 “(B) conservation organizations;

1 “(C) community organizations; and

2 “(D) institutions of higher education.

3 “(4) RESEARCH AND DEVELOPMENT, EDU-
4 CATION, AND TECHNICAL ASSISTANCE.—The Sec-
5 retary shall carry out subparagraphs (A) and (B) of
6 paragraph (2) at the Forest Products Laboratory of
7 the Department of Agriculture or through the State
8 and Private Forestry Deputy Area in a manner that
9 meets the needs of municipalities, private companies,
10 trade and technical schools, and other entities that
11 work with urban wood.

12 “(5) GRANTS.—After obtaining input and guid-
13 ance from the entities described in paragraph (3),
14 the Secretary shall award grants on a competitive
15 basis to eligible entities to conduct research and de-
16 velopment and provide education and technical as-
17 sistance that—

18 “(A) increases the use of urban wood; and

19 “(B) provides increased employment oppor-
20 tunities in the urban wood industry and related
21 fields.

22 “(6) PRIORITIES.—In carrying out the program
23 established under paragraph (2), the Secretary shall
24 give priority to projects and activities that—

1 “(A)(i) identify new products that can be
2 created from urban wood; or

3 “(ii) improve on existing processes to
4 produce innovative urban wood products with
5 greater efficiency and quality;

6 “(B) facilitate improved commercialization
7 of innovative urban wood products;

8 “(C) engage unemployed and under-
9 employed persons in disadvantaged communities
10 in worker training, full-time employment, and
11 incubation of new commercial enterprises; and

12 “(D) increase the carbon mitigation benefit
13 of the management of urban wood, as measured
14 by the lifecycle environmental footprint of a
15 wood product or production process, beginning
16 with the collection of raw urban wood materials
17 and ending with the manufacturing process.

18 “(7) TIMEFRAME.—To the maximum extent
19 practicable, the measurable performance goals for
20 the research and development, education, and tech-
21 nical assistance conducted under the program estab-
22 lished under paragraph (2) shall be achievable with-
23 in a 10-year timeframe beginning on the date of es-
24 tablishment of the program.

1 “(c) URBAN WOOD BUILDING COMPETITION.—Be-
2 ginning in fiscal year 2021, the Secretary shall carry out
3 an annual competition, in accordance with section 24 of
4 the Stevenson-Wydler Technology Innovation Act of 1980
5 (15 U.S.C. 3719), for—

6 “(1) innovative urban wood products and manu-
7 facturing processes; or

8 “(2) other innovative wood product demonstra-
9 tions.

10 “(d) FUNDING.—Of the funds of the Reforestation
11 Trust Fund established under section 303 of Public Law
12 96–451 (16 U.S.C. 1606a), the Secretary shall use
13 \$35,000,000 each fiscal year to carry out this section.”.

14 (b) URBAN WOOD INNOVATION GRANTS.—Section
15 8643 of the Agriculture Improvement Act of 2018 (7
16 U.S.C. 7655d) is amended—

17 (1) in subsection (a)—

18 (A) by redesignating paragraph (2) as
19 paragraph (3); and

20 (B) by inserting after paragraph (1) the
21 following:

22 “(2) INNOVATIVE URBAN WOOD PRODUCT.—
23 The term ‘innovative urban wood product’ means a
24 wood product that uses wood residues and byprod-
25 ucts from urban forest management, building

1 deconstruction, and other related sources of wood
2 generated in urban areas.”;

3 (2) in subsection (b)—

4 (A) in paragraph (1), by striking “(Octo-
5 ber 20, 2015)), may” and inserting the fol-
6 lowing: “(October 20, 2015))—

7 “(A) may”;

8 (B) in subparagraph (A) (as so des-
9 ignated), by striking the period at the end and
10 inserting “; and”; and

11 (C) by adding at the end the following:

12 “(B) shall, to the maximum extent prac-
13 ticable, award 1 or more wood innovation
14 grants each year to eligible entities for the pur-
15 pose of advancing the use of innovative urban
16 wood products.”; and

17 (3) in subsection (c), by striking “under sub-
18 section (b)(2)” and inserting “for grants under sub-
19 section (b)(1)(A)”.

20 **SEC. 206. STEWARDSHIP CORPS.**

21 (a) IN GENERAL.—The Secretary of Agriculture (re-
22 ferred to in this section as the “Secretary”), in consulta-
23 tion with the Secretary of the Interior, shall establish a
24 civilian conservation corps, to be known as the “Steward-
25 ship Corps” (referred to in this section as the “Steward-

1 ship Corps’), to provide youth with the academic, voca-
2 tional, and social skills necessary to pursue long term, pro-
3 ductive careers in the forest sector and the wetland res-
4 toration sector.

5 (b) PRIORITY REQUIREMENT.—To the maximum ex-
6 tent practicable, the Secretary shall prioritize recruitment
7 for the Stewardship Corps of youth from—

- 8 (1) low-income communities;
- 9 (2) indigenous communities; and
- 10 (3) communities of color.

11 (c) REFORESTATION AND RESTORATION ON FED-
12 ERAL LAND.—To the maximum extent practicable, mem-
13 bers of the Stewardship Corps shall perform—

14 (1)(A) in each of calendar years 2021 through
15 2025, not less than 20 percent of the reforestation
16 required under subsections (d)(2) and (e) of section
17 303 of Public Law 96–451 (16 U.S.C. 1606a); and

18 (B) in calendar years 2026 and each calendar
19 year thereafter, not less than 40 percent of the re-
20 forestation described in subparagraph (A); and

21 (2)(A) in each of calendar years 2021 through
22 2025, not less than 20 percent of the wetlands res-
23 toration required under section 307; and

1 (B) in calendar year 2026 and each calendar
2 year thereafter, not less than 40 percent of the wet-
3 lands restoration described in subparagraph (A).

4 (d) DURATION OF PARTICIPATION.—An individual
5 shall serve in the Stewardship Corps for not more than
6 2 years.

7 (e) HOUSING AND CARE.—The Secretary shall pro-
8 vide to each member of the Stewardship Corps housing,
9 subsistence, clothing, medical attention (including hos-
10 pitalization), transportation, and a cash allowance, as de-
11 termined necessary by the Secretary.

12 (f) COMPENSATION.—Members of the Stewardship
13 Corps shall be paid at a rate in accordance with the pre-
14 vailing rate for a similar class of Federal employees in the
15 locality.

16 (g) JOB PLACEMENT.—The Secretary shall assist
17 members of the Stewardship Corps with obtaining employ-
18 ment in the forest sector and the wetlands restoration sec-
19 tor on the completion of service under the Stewardship
20 Corps.

21 **TITLE III—COASTAL WETLAND**

22 **SEC. 301. DEFINITIONS.**

23 In this title:

24 (1) ADMINISTRATOR.—The term “Adminis-
25 trator” means the Under Secretary of Commerce for

1 Oceans and Atmosphere and Administrator of the
2 National Oceanic and Atmospheric Administration.

3 (2) COASTAL WETLAND.—The term “coastal
4 wetland” means estuarine vegetated coastal habitat,
5 including salt marsh, seagrass, mangrove, and other
6 vegetated marine habitats.

7 (3) INDIAN TRIBE.—The term “Indian Tribe”
8 has the meaning given the term in section 4 of the
9 Indian Self-Determination and Education Assistance
10 Act (25 U.S.C. 5304).

11 (4) INSTITUTION OF HIGHER EDUCATION.—The
12 term “institution of higher education” has the
13 meaning given that term in section 101 of the High-
14 er Education Act of 1965 (20 U.S.C. 1001).

15 (5) NATURAL INFRASTRUCTURE.—The term
16 “natural infrastructure” means infrastructure
17 that—

18 (A) uses, restores, or emulates natural eco-
19 logical processes; and

20 (B)(i) is created through the action of nat-
21 ural physical, geological, biological, and chem-
22 ical processes over time;

23 (ii) is created by human design, engineer-
24 ing, and construction to emulate or act in con-
25 cert with natural processes; or

1 (iii) involves the use of plants, soils, and
2 other natural features, including through the
3 creation, restoration, or preservation of vege-
4 tated areas using materials appropriate to the
5 area.

6 (6) NONPROFIT ORGANIZATION.—The term
7 “nonprofit organization” means an organization that
8 is described in section 501(c) of the Internal Rev-
9 enue Code of 1986 and exempt from tax under sec-
10 tion 501(a) of such Code.

11 (7) PROGRAM.—The term “Program” means
12 the Coastal and Estuary Resilience Grant Program
13 as established by section 302.

14 (8) RESTORATION.—The term “restoration”
15 means renewing, enhancing, or replacing degraded,
16 damaged, vulnerable, or destroyed wetlands to im-
17 prove the ecosystem function and resilience through
18 active human intervention and action, such as—

19 (A) improving hydrological conditions
20 (such as by removing tidal barriers, improving
21 connectivity, or changing water levels);

22 (B) altering sediment supply (such as
23 through the beneficial use of dredge material,
24 thin-layer spraying, or reconnecting river sedi-
25 ment);

1 (C) changing salinity characteristics;

2 (D) improving water quality (such as by
3 reducing excess nutrients, sedimentation, or
4 contaminants);

5 (E) planting of native plants, removal of
6 invasive species, and other improved manage-
7 ment practices;

8 (F) controlling erosion of wetland edges;
9 and

10 (G) enabling future inland migration as
11 sea levels rise, including through the enhance-
12 ment of adjacent fresh water wetlands.

13 (9) STATE.—The term “State” means a State,
14 the District of Columbia, or any territory or posses-
15 sion of the United States.

16 **SEC. 302. COASTAL AND ESTUARY RESILIENCE GRANT PRO-**
17 **GRAM.**

18 (a) ESTABLISHMENT.—The Secretary of Commerce
19 shall establish a program, to be known as the “Coastal
20 and Estuary Resilience Grant Program”, under which the
21 Secretary awards grants to entities that eligible under
22 subsection (b) to fund coastal wetland restoration projects
23 that are eligible under subsection (c).

24 (b) ELIGIBLE ENTITIES.—An entity is eligible to
25 apply for a grant under the Program if the entity is an

1 institution of higher education, a nonprofit organization,
2 a State or local government, or an Indian Tribe.

3 (c) ELIGIBLE PROJECTS.—A project is eligible for a
4 grant under the Program if the project is designed to re-
5 duce net greenhouse gases through one of the following:

6 (1) The sequestration of additional carbon diox-
7 ide through—

8 (A) the active restoration of degraded
9 coastal wetland; and

10 (B) the protection of threatened coastal
11 wetland.

12 (2) The halting of ongoing carbon dioxide emis-
13 sions, and the resumption of the natural rate of car-
14 bon capture, through the restoration of drained
15 coastal wetland.

16 (3) The halting of ongoing methane emissions,
17 and the resumption of the natural rate of carbon
18 storage, through the restoration of formerly tidal
19 wetland that has lost tidal connectivity and become
20 fresh wetland (commonly known as “impounded wet-
21 land”).

22 (d) GRANT EVALUATION CRITERIA.—In reviewing
23 applications for grants under the Program, the Secretary
24 shall give priority to projects that exhibit the highest po-
25 tential to—

- 1 (1) mitigate greenhouse gas emissions by—
 - 2 (A) reducing greenhouse gas emissions; or
 - 3 (B) capturing and storing greenhouse
 - 4 gases;
- 5 (2) reinforce ecosystem resilience and adapta-
6 tion by—
 - 7 (A) preparing for sea level rise in order to
 - 8 reduce vulnerability to sea level rise and ero-
9 sion;
 - 10 (B) supporting resilience against flooding
11 and sea level rise; or
 - 12 (C) restoring or enhancing ecosystem func-
13 tion; or
- 14 (3) provide economic and social co-benefits by—
 - 15 (A) reducing the potential impact and
16 damage of storms on the built environment;
 - 17 (B) advancing environmental justice by re-
18 ducing the disproportionate impacts of environ-
19 mental hazards on communities of color, indige-
20 nous communities, and low-income commu-
21 nities;
 - 22 (C) providing jobs in coastal communities;
 - 23 (D) including elements of natural infra-
24 structure;

1 (E) incorporating collaborative partner-
2 ships; or

3 (F) involving local communities in project
4 planning and implementation.

5 (e) MATCHING FUNDS.—

6 (1) INCLUSION IN APPLICATIONS.—An eligible
7 entity under subsection (b) may include in an appli-
8 cation for a grant under the Program a commitment
9 to provide non-Federal resources (including in-kind
10 contributions and volunteer hours) to match the
11 amount of grant.

12 (2) CONSIDERATION.—In reviewing an applica-
13 tion for a grant under the Program, the Secretary
14 may consider the inclusion of a commitment under
15 paragraph (1) but may not require such a commit-
16 ment as a condition of receiving a grant.

17 (f) ELIGIBLE COSTS.—A grant awarded under the
18 Program shall be available for all phases of the develop-
19 ment, implementation, and monitoring of projects that are
20 eligible under subsection (c), including—

21 (1) preliminary community engagement, plan-
22 ning, and prioritization;

23 (2) preliminary design and site assessment, in-
24 cluding—

25 (A) assessments of feasibility;

- 1 (B) planning; and
- 2 (C) community engagement;
- 3 (3) final design and permitting;
- 4 (4) restoration and project implementation; and
- 5 (5) monitoring, reporting, and stewardship.

6 (g) REPORTING.—

7 (1) IN GENERAL.—An entity that receives a
8 grant under the Program for a project shall—

9 (A) collect data on the development and
10 implementation of the project and stewardship
11 following completion of the project; and

12 (B) submit that data to the Administrator
13 for inclusion in the database required by section
14 303(a).

15 (2) REPORT AFTER PROJECT COMPLETION.—

16 Not later than 1 year after the completion of a
17 project for which a grant is provided under the Pro-
18 gram, the entity that received the grant shall submit
19 to the Administrator a report on the outputs, out-
20 comes, and impacts of the project, including with re-
21 spect to—

- 22 (A) the amount of area restored;
- 23 (B) the estimated net climate benefit;
- 24 (C) benefits to nearby communities; and

1 (D) involvement of partners and commu-
2 nities.

3 (h) MONITORING.—The Secretary shall establish
4 guidelines providing for monitoring a project for which a
5 grant is provided under the Program for the 10-year pe-
6 riod after the grant is awarded.

7 (i) ROLE OF NATIONAL FISH AND WILDLIFE FOUN-
8 DATION.—In carrying out the Program, the Secretary may
9 consult, partner, or otherwise coordinate with the National
10 Fish and Wildlife Foundation established by section 2(a)
11 of the National Fish and Wildlife Foundation Establish-
12 ment Act (16 U.S.C. 3701(a)).

13 **SEC. 303. DATA COLLECTION.**

14 (a) DATABASE.—

15 (1) IN GENERAL.—The Administrator shall
16 maintain a coastal wetland restoration database to
17 collect information about projects that receive grants
18 under the Program.

19 (2) DESIGN.—The Administrator shall design
20 the database required by paragraph (1) to collect
21 performance metrics on the development and imple-
22 mentation of projects that receive grants under the
23 Program and stewardship following completion of
24 such projects to evaluate the success of those

1 projects and inform the design of future projects in
2 an adaptive manner.

3 (3) INCLUDED METRICS.—The database re-
4 quired by paragraph (1) shall include standardized
5 metrics for reporting such as—

- 6 (A) acres restored, protected, or created;
- 7 (B) habitat type;
- 8 (C) restoration technique;
- 9 (D) estimated net greenhouse gas reduc-
10 tion effect;
- 11 (E) jobs created;
- 12 (F) quantified ecosystem services; and
- 13 (G) other metrics selected by the Adminis-
14 trator.

15 (4) PUBLIC AVAILABILITY.—The Administrator
16 shall make products of the database publicly avail-
17 able and disseminate important findings to the pub-
18 lic.

19 (5) PRIVACY.—To protect the privacy of private
20 landowners, the Administrator shall ensure that any
21 data collected from private landowners under this
22 section are anonymized before the data are made
23 publicly available.

24 (b) INVENTORY OF COASTAL WETLAND.—The Ad-
25 ministrator shall compile an inventory of coastal wetland.

1 **SEC. 304. OUTREACH AND TECHNICAL ASSISTANCE.**

2 The Administrator shall establish a technical assist-
3 ance program to help entities outside of the National Ocea-
4 nic and Atmospheric Administration in all phases of
5 coastal wetland restoration project work, including out-
6 reach to potential applicants for grants under section 302.

7 **SEC. 305. ANNUAL RESTORATION AND FUNDING.**

8 (a) **ACREAGE REQUIREMENTS.**—To the maximum ex-
9 tent practicable, the Secretary of Commerce shall award
10 grants under the Program to conduct coastal wetland res-
11 toration on 1,500,000 acres over 10 years, as follows:

12 (1) On 50,000 acres in each of fiscal years
13 2021 and 2022.

14 (2) On 100,000 acres in each of fiscal years
15 2023 and 2024.

16 (3) On 150,000 acres in each of fiscal years
17 2025 and 2026.

18 (4) On 225,000 acres in each of fiscal years
19 2027 through 2030.

20 (b) **FUNDING.**—

21 (1) **IN GENERAL.**—On October 1 of each fiscal
22 year, out of any funds in the Treasury not otherwise
23 appropriated, the Secretary of the Treasury shall
24 transfer to the Secretary of Commerce to provide
25 grants under the Program, to remain available until
26 expended—

1 (A) \$1,250,000,000 for each of fiscal years
2 2021 and 2022;

3 (B) \$2,500,000,000 for each of fiscal years
4 2023 and 2024;

5 (C) \$3,750,000,000 for each of fiscal years
6 2025 and 2026; and

7 (D) \$5,625,000,000 for each of fiscal years
8 2027 through 2030.

9 (2) RECEIPT AND ACCEPTANCE.—The Sec-
10 retary of Commerce shall be entitled to receive, shall
11 accept, and shall use to provide grants under the
12 Program in accordance with paragraph (1) the funds
13 transferred under that paragraph, without further
14 appropriation.

15 (c) SUPPLEMENT NOT SUPPLANT.—The amount au-
16 thorized to be appropriated by subsection (a) shall supple-
17 ment and not supplant other amounts available to the Sec-
18 retary of Commerce.

19 **SEC. 306. PREVAILING WAGE REQUIREMENT.**

20 Any contractor or subcontractor entering into a serv-
21 ice contract in connection with a project under the Pro-
22 gram shall—

23 (1) be treated as a Federal contractor or sub-
24 contractor for purposes of chapter 67 of title 41,
25 United States Code (commonly known as the

1 “McNamara-O’Hara Service Contract Act of
2 1965”); and

3 (2) pay each class of employee employed by the
4 contractor or subcontractor wages and fringe bene-
5 fits at rates in accordance with prevailing rates for
6 the class in the locality, or, where a collective-bar-
7 gaining agreement covers the employee, in accord-
8 ance with the rates provided for in the agreement,
9 including prospective wage increases provided for in
10 the agreement.

11 **SEC. 307. DEPARTMENT OF THE INTERIOR COASTAL WET-**
12 **LAND RESTORATION; FUNDING.**

13 (a) IN GENERAL.—The Secretary of the Interior shall
14 conduct coastal wetland restoration on land managed by
15 the Secretary of the Interior to achieve at least 1 of the
16 following:

17 (1) The sequestration of additional carbon diox-
18 ide through—

19 (A) the active restoration of degraded
20 coastal wetland; and

21 (B) the protection of threatened coastal
22 wetland.

23 (2) The halting of ongoing carbon dioxide emis-
24 sions, and the resumption of the natural rate of car-

1 bon capture, through the restoration of drained
2 coastal wetland.

3 (3) The halting of ongoing methane emissions,
4 and the resumption of the natural rate of carbon
5 storage, through the restoration of formerly tidal
6 wetland that has lost tidal connectivity and become
7 fresh wetland (commonly known as “impounded wet-
8 land”).

9 (b) ACREAGE REQUIREMENTS.—To the maximum ex-
10 tent practicable, the Secretary of the Interior shall con-
11 duct coastal wetland restoration under subsection (a)—

12 (1) on land managed by the Director of the
13 United States Fish and Wildlife Service—

14 (A) on 10,000 acres in each of fiscal years
15 2021 and 2022;

16 (B) on 20,000 acres in each of fiscal years
17 2023 and 2024; and

18 (C) on 30,000 acres in fiscal year 2025
19 and each fiscal year thereafter; and

20 (2) on land managed by the Director of the Na-
21 tional Park Service—

22 (A) on 10,000 acres in each of fiscal years
23 2021 and 2022;

24 (B) on 20,000 acres in each of fiscal years
25 2023 and 2024;

1 (C) on 40,000 acres in each of fiscal years
2 2025 and 2026;

3 (D) on 80,000 acres in each of fiscal years
4 2027 and 2028; and

5 (E) on 160,000 acres in each of fiscal
6 years 2029 and 2030.

7 (c) FUNDING.—

8 (1) IN GENERAL.—On October 1 of each fiscal
9 year, out of any funds in the Treasury not otherwise
10 appropriated, the Secretary of the Treasury shall
11 transfer to the Secretary of the Interior to carry out
12 this section, to remain available until expended—

13 (A) for coastal wetland restoration on land
14 managed by the Director of the United States
15 Fish and Wildlife Service—

16 (i) \$250,000,000 for each of fiscal
17 years 2021 and 2022;

18 (ii) \$500,000,000 for each of fiscal
19 years 2023 and 2024; and

20 (iii) \$750,000,000 for each of fiscal
21 years 2025 through 2030; and

22 (B) for coastal wetland restoration on land
23 managed by the Director of the National Park
24 Service—

1 (i) \$250,000,000 for each of fiscal
2 years 2021 and 2022;

3 (ii) \$500,000,000 for each of fiscal
4 years 2023 and 2024;

5 (iii) \$1,000,000,000 for each of fiscal
6 years 2025 and 2026;

7 (iv) \$2,000,000,000 for each of fiscal
8 years 2027 and 2028; and

9 (v) \$4,000,000,000 for each of fiscal
10 years 2029 and 2030.

11 (2) RECEIPT AND ACCEPTANCE.—The Sec-
12 retary of the Interior shall be entitled to receive,
13 shall accept, and shall use to carry out this section
14 in accordance with paragraph (1) the funds trans-
15 ferred under that paragraph, without further appro-
16 priation.

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